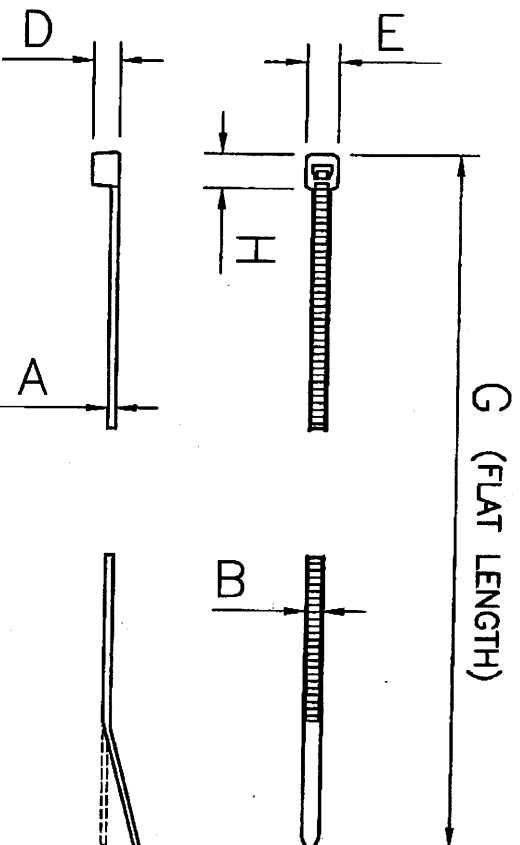


| Revision level |         | Revision Record                                                             |  | Changed | Date     | Approved  | Date     |
|----------------|---------|-----------------------------------------------------------------------------|--|---------|----------|-----------|----------|
| Part           | Drawing |                                                                             |  |         |          |           |          |
| 01             |         | UNIQUE NUMBERING SYSTEM COLUMN WAS GROUP ORDER No. WAS ADDED BEFORE NUMBER. |  | ALOMAX  | 20/06/01 | S.BENTICK | 20/06/01 |
| 02             |         | (T18L) 1.5 to 50 WAS 1.5 to 55                                              |  | ALOMAX  | 17/10/01 | S.BENTICK | 17/10/01 |



| Unique Numbering System | Product Code | Cable Range (mm) | A          | B          | D         | E          | G           | H         |
|-------------------------|--------------|------------------|------------|------------|-----------|------------|-------------|-----------|
| UNS 111-028             | T18S         | 1.5 to 16        | 0.95 ± 0.2 | 2.3 ± 0.2  | 3.2 ± 0.3 | 4.2 ± 0.3  | 83.0 ± 5.0  | 4.5 ± 0.5 |
| UNS 111-019             | T18R         | 1.5 to 22        | 1.0 ± 0.2  | 2.45 ± 0.2 | 3.7 ± 0.3 | 4.45 ± 0.5 | 100.0 ± 5.0 | 4.8 ± 0.5 |
| UNS 111-023             | T18I         | 1.5 to 35        | 1.1 ± 0.1  | 2.5 ± 0.15 | 3.8 ± 0.5 | 4.5 ± 0.5  | 144.0 ± 6.0 | 4.8 ± 0.5 |
| UNS 111-021             | T18L         | 1.5 to 50        | 1.1 ± 0.1  | 2.5 ± 0.1  | 3.9 ± 0.5 | 4.5 ± 0.5  | 202.0 ± 5.0 | 4.8 ± 0.5 |

Material P.A. 66  
Dimension without tolerances details to:

DIN 16901

80N

MINIMUM LOOP  
TENSILE STRENGTH:-

ACAD



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Drawn: ALOMAX 4/02/00  
Approved: S.BENTICK 4/02/00

Scale

1:1

Title

**HELLMANNITYTON**

Network Products Group

Sharnon Green Business Park,  
Worcester W22 4TY.

Tel: 0161 945 4181

Fax: 0161 947 2228

Drawing-No

CD1218-02

Format

A4

Sheet 1 of 1

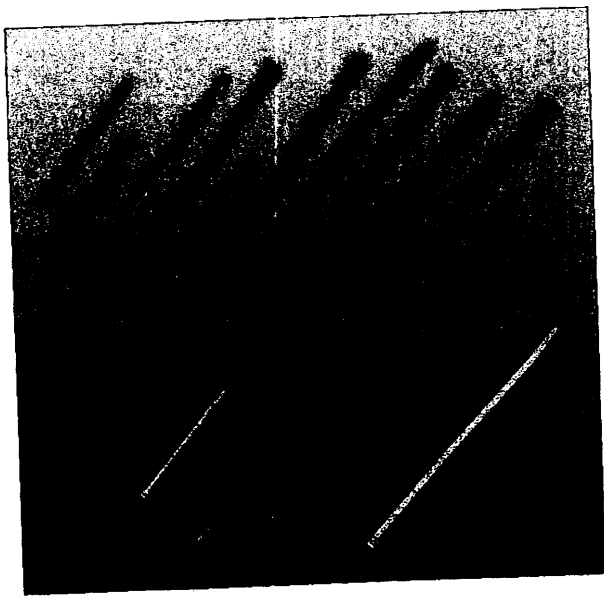
CONTROLLED  
BY DOC. E

# Cable Ties, Bundling Systems

Material Guide

## HellermannTytton

- Manufacture a full range of quality cable ties in a wide variety of materials, colours, styles and sizes
- Our cable ties are used in many other fastening applications and are engineered and manufactured for maximum performance and quality
- Whatever your application, please refer to the easy to use cable tie guide below for the correct material



## Cable Tie Guide

|                             | Order Suffix | Ultra Violet Resistant | Low Temperature | High Temperature | Flammability Rating (UL94) | Melting Point |
|-----------------------------|--------------|------------------------|-----------------|------------------|----------------------------|---------------|
| Standard Nylon 6.6          | N/A          | Poor                   | - 40°C          | + 85°C           | V2                         | 265°C         |
| Weather Resistant Nylon 6.6 | - W          | Good                   | - 40°C          | + 85°C           | V2                         | 265°C         |
| Flame Retardant Nylon 6.6   | - V0         | Poor                   | 40°C            | + 85°C           | V0                         | 265°C         |
| Heat Stabilised Nylon 6.6   | - H5         | Low                    | - 40°C          | + 105°C          | V2                         | 265°C         |
| Hi-Temp Nylon 4.6           | - HR         | Poor                   | - 40°C          | + 135°C          | V2                         | 295°C         |
| Stainless Steel             | N/A          | V. Good                | - 80°C          | + 538°C          | VTM - V0 (Coating)         | N/A           |

